**NADUNI KODIKARA**

**29861**

**FOC 23.1**

**TUTORIAL 01**

#include<stdio.h>

int main()

{

//Q2

printf(" Naduni Kodikara \nPushpadana College\n\n");

//Q2

printf(" \*\n");

printf(" \*\*\n");

printf(" \*\*\*\n");

printf(" \*\*\*\*\n");

printf(" \*\*\*\*\*\n\n\n");

//Q3

int inte;

char chara;

float floatt;

double doubl ;

printf(" Integer");

scanf("%d",&inte);

printf("\n");

printf("Character");

scanf("%d",&chara);

printf("\n");

printf("Float");

scanf("%f",&floatt);

printf("\n");

printf("Double");

scanf("%f",&doubl);

printf("\n\n");

printf("Display %d,%d,%f,%f",inte,chara,floatt,doubl);

printf("\n\n");

//Q4

int number1,number2,total;

printf("Enter number 1 ");

scanf("%d",&number1);

printf("Enter number 2");

scanf("%d",&number2);

total=(number1+number2);

printf("Total=%d",total);

printf("\n\n");

//Q5

float no1,no2,avg;

printf("Enter a number");

scanf("%f",&no1);

printf("Enter a number");

scanf("%f",&no2);

avg=(no1+no2)/2;

printf("Average=%float",avg);

printf("\n\n");

//Q6

int age,byear;

char name[10];

printf("Enter name");

scanf("%s",&name);

printf("Enter birthday");

scanf("%d",&byear);

age=(2023-byear);

printf("Name is %s",name);

printf("\n");

printf("Age is %d \n\n",age);

scanf("");

//Q7

float num1,num2,swap;

printf("Enter a number=");

scanf("%f",&num1);

printf("Enter another number=");

scanf("%f",&num2);

printf("Entered first number before swap= %.2f \n",num1);

printf("Entered second number before swap= %.2f \n",num2);

swap=num1;

num1=num2;

num2=swap;

printf("Entered first number after swap= %.2f \n",num1);

printf("Entered second number after swap= %.2f \n\n",num2);

**TUTORIAL 02**

#include <stdio.h>

int main()

{

//Q1

int age;

printf("HI,HOW OLD ARE YOU?");

scanf("%d",&age);

printf("\n\n");

printf("Welcome %d \n",age);

printf("LET'S BE FRIENDS! \n\n");

//Q2

printf("%5d,%5d,%5d \n",2,4,8);

printf("%5d,%5d,%5d \n",3,9,27);

printf("%5d,%5d,%5d \n\n",4,16,64);

//Q3

int time,avg;

float dis;

printf("Enter the distance traveled by the car=");

scanf("%f",&dis);

printf("Enter the Time taken to arrive to the destination=");

scanf("%d",&time);

avg=dis/time;

printf("The average distance traveled by the car= %d ms-1 \n\n",avg);

//Q4

int c,f;

printf("Temperature in Degrees fahrenheit=");

scanf("%d",&f);

c=(5/9)\*(f-32);

printf("Temperature in Degree Celsius= %d",c);